Biomedical Engineer

**Job Description:** Use engineering to solve medical problems, such as creating replacement body parts and medical instruments.

**What does a Biomedical Engineer do?**

* Research new materials to be used for products, such as implanted artificial organs.
* Create a flexible artificial disc to replace a damaged one in order to relieve chronic neck pain.
* Invent a better aortic valve replacement so that heart patients can return to active lifestyles sooner.
* Develop safe and accurate ultrasound technology to help doctors monitor unborn babies.
* Research and develop new and improved tools for surgeons.
* Develop improved prostheses (artificial devices that replace missing body parts) for patients to improve mobility.
* Design devices for automating insulin injections.

**Outlook: Bright**

Average Salary - $37.92 hourly, $78,860 annual

Projected Job Openings – 14,900 over the next 10 years

**Your Interests:**

* Do you like to design things?
* Do you like to solve problems?
* Do you like to help others?
* Do you have good communication skills?
* Do you like working with computers?

**Education/Program of Study:**

* Bachelor’s Degree in Engineering